

Alexis R. Georgeson

Assistant Professor

University of Notre Dame

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EDUCATION

Ph.D. in Psychology and Neuroscience **2022**

The University of North Carolina at Chapel Hill

Concentration: Quantitative

Dissertation Title: Evaluation of covariate-informed scores for bivariate latent growth models

M.A. in Psychology **2016**

Simon Fraser University

Specialty: History, Quantitative, and Theoretical

B.A. (with distinction) in Psychology and Linguistics **2012**

The University of North Carolina at Chapel Hill

PROFESSIONAL APPOINTMENTS

Assistant Professor July 2025-Present

University of Notre Dame

Department of Psychology

Ruth L. Kirschstein NRSA Postdoctoral Fellow May 2022-May 2025

Arizona State University

Department of Psychology

Postdoctoral Researcher January 2022-May 2022

Arizona State University

Department of Psychology

PUBLICATIONS

Articles

1. Kukertz, M.J.*, Kim, J.J., Nandiwada-Hofer, V.M.†, Basha, S.B.*, Kasim, A.†, Karpel, L.†, **Georgeson, A.R.**, & Gonzales, N.A. (Accepted). Can Technology Bridge the Gaps? A Systematic Review of Engagement in Preventive eHealth Parenting Interventions. *Prevention Science*.
2. Cai, Q.*, **Georgeson, A.R.**, Basha, S.*, Lee, S-K., Xu, B.*, & Gewirtz, A. (Accepted). A Trifactor Model Approach to Understand School-Aged Children's Psychosocial Adjustment: Integrating Father, Mother, and Teacher Perspectives. *Child Psychiatry & Human Development*.
3. **Georgeson, A.R.** (2024). Deriving Expected Values of Model Parameters when using Sum Scores in Simulation Research. *Structural Equation Modeling: A Multidisciplinary Journal*, 1-10.
<https://doi.org/10.1080/10705511.2024.2376330>
4. **Georgeson, A.R.**, Waddell, J.T.*, Paxton, L.†, & Chassin, L. (2024). Disaggregating Within- and Between-person Associations to Test the Aversive Transmission of Alcohol Use in Late Adolescence through Adulthood. *Psychology of Addictive Behaviors*, 38(5), 578-590.
<https://doi.org/10.1037/adb0001013>
5. Gonzalez, O., Pelham III, W.E., & **Georgeson, A.R.** (2024). Estimating classification consistency of machine learning models for screening measures. *Psychological Assessment*, 36(6-7), 395-406.
<https://doi.org/10.1037/pas0001313>
6. **Georgeson, A.R.**, Alvarez-Bartolo, D.*, & MacKinnon, D.P. (2023). A Sensitivity Analysis for Temporal Bias in Cross-sectional Mediation. *Psychological Methods*. Advance online publication.
<https://doi.org/10.1037/met0000628>

Updated: January 5, 2026

7. Galvan, M., Payne, K., Hannay, J., **Georgeson, A.R.**, Muscatell, K. (2023). What does the MacArthur Scale of Subjective Social Status measure? Separating Economic Circumstances and Social Status to Predict Health. *Annals of Behavioral Medicine*, 57(11), 929-941. <https://doi.org/10.1093/abm/kaad054>
8. Gonzalez, O., Millechek, J.R., & **Georgeson, A.R.** (2023). Estimating latent baseline-by-treatment interactions in statistical mediation analysis. *Structural Equation Modeling: A Multidisciplinary Journal*, 30(6), 914-925. <https://doi.org/10.1080/10705511.2023.2193312>
9. Gonzalez, O., **Georgeson, A.R.**, & Pelham III, W. E. (2022). How accurate and consistent are score-based assessment decisions? A procedure using the linear factor model. *Assessment*, 30(5) 1640-1650. <https://doi.org/10.1177/10731911221113568>.
10. **Georgeson, A.R.**, Valente, M., & Gonzalez, O. (2022). The effect of noninvariance on the estimation of the mediated effect in the two-wave mediation model. *Structural Equation Modeling: A Multidisciplinary Journal*, 29(6), 908-919. <https://doi.org/10.1080/10705511.2022.2067164>.
11. Valente, M., **Georgeson, A.R.**, & Gonzalez, O. (2021). Clarifying the implicit assumptions of two-wave mediation models via the latent change score specification: An evaluation of model fit indices. *Frontiers in Psychology*, 12. <https://doi.org/10.3389/fpsy.2021.709198>
12. **Georgeson, A.R.**, Valente, M. & Gonzalez, O. (2021). Evaluating response shift in statistical mediation analysis. *Advances in Methods and Practice in Psychological Science*, 4(2), <https://doi.org/10.1177/25152459211012271>
13. Gonzalez, O., **Georgeson, A.R.**, Pelham, W. E. III., & Fouladi, R. T. (2021). Estimating classification consistency of screening measures and quantifying the impact of measurement bias. *Psychological Assessment*, 33(7), 596-609. <https://doi.org/10.1037/pas0000938>
14. Loiselle, R., Parent, J., **Georgeson, A.R.**, Thissen, D., Jones, D.J., & Forehand, R. (2021). Validation of the multidimensional assessment of parenting: An application of item response theory. *Psychological Assessment*, 33(9). 803-815. <https://doi.org/10.1037/pas0001019>
15. Jones, D.J., Loiselle, R., Zachary, C., **Georgeson, A.R.**, Highlander, A., Turner, P., Youngstrom, J., Khavjou, O., Anton, M., Gonzalez, M., Bresland, N., & Forehand, R. (2021). Optimizing engagement in parent training: Efficacy of a technology-enhanced treatment model. *Behavior Therapy*, 52(2), 508-521. <https://doi.org/10.1016/j.beth.2020.07.001>
16. **Georgeson, A.R.**, Highlander, A., Loiselle, R., Zachary, C., & Jones, D.J. (2020). Engagement in technology-enhanced interventions for children and adolescents: Current status and recommendations for moving forward. *Clinical Psychology Review*, 78, <https://doi.org/10.1016/j.cpr.2020.101858>
17. Curran, P.J., **Georgeson, A.R.**, Bauer, D.J., & Hussong, A.H. (2020). Psychometric models for scoring multiple reporter scales: Applications to integrative data analysis in prevention science and beyond. *International Journal of Behavioral Development*, 45(1), 40-50. <https://doi.org/10.1177/0165025419896620>
18. Cooper, S. M., Metzger, I., **Georgeson, A.R.**, Golden, A.R., Burnett, M., & White, C. N. (2019). Communicative support and parental knowledge among African American residential fathers: Longitudinal associations with adolescent substance use. *Journal of Child and Family Studies*, 28, 3433-3445. <https://doi.org/10.1007/s10826-019-01525-2>
19. Curran, P.J., Cole, V., Giordano, M., **Georgeson, A.R.**, Hussong, A.M., & Bauer, D.J. (2018). Advancing the study of adolescent substance use through the use of integrative data analysis. *Evaluation & the Health Professions*, 41(2), 216-245. <https://doi.org/10.1177/0163278717747947>

Chapters and Abstracts

1. **Georgeson, A.R.** (2020) The impact of response shift in a two-wave mediation model. *Multivariate Behavioral Research*, 1-2. <https://doi.org/10.1080/00273171.2020.1854081>
2. Gonzalez, O., Pelham III, W.E., & **Georgeson, A.R.** (2020). Impact of measurement bias on screening measures. In: Wiberg M., Molenaar D., González J., Böckenholt U., Kim JS. (Eds.), *Quantitative Psychology. IMPS 2019. Springer Proceedings in Mathematics & Statistics*, vol 322 (pp. 275-284). Springer, Cham. https://doi.org/10.1007/978-3-030-43469-4_2.
3. **Georgeson, A.R.** & Fouladi, R.T. (2016). Exploring item position as a source for the measured temporal improvement on the CES-D. *Multivariate Behavioral Research* 50:6, 734. <https://doi.org/10.1080/00273171.2015.1121123>

IN PROGRESS

1. **Georgeson, A.R.** & MacKinnon, D.P. (In Preparation). Traditional Scoring Methods of Multiple Informant Measures and their Consequences in Structural Models.
2. **Georgeson, A.R.**, Alvarez-Bartolo, D.*, Liu, X*, & MacKinnon, D.P. (In Preparation). phantSEM: An R Package for Creating Phantom Variables for Sensitivity Analyses.
3. Franco-Jenkins, X., Leonard, J.A., **Georgeson, A.R.**, McDaniel, H., Perkins, Y., & Jung, H. (In Preparation). Using an Integrative Data Analysis Approach to Examine Teacher Implementation Outcomes in relation to High-Quality Math Curriculum Implementation.

†Indicates undergraduate student *Indicates graduate student

SOFTWARE

[phantSEM](#): An R package for conducting sensitivity analyses using phantom variables.

AWARDS

- | | |
|---|-------------|
| 1. Selected Participant, NCFDD Faculty Success Program, University of Notre Dame (\$5250) | Spring 2026 |
| 2. Lyle V. Jones Award (\$500) | May 2021 |
| 3. SMEP Dissertation Research Award (\$3,147) | May 2020 |
| 4. Dashiell Travel Award (\$525) | Aug 2019 |
| 5. Dashiell Travel Award (\$800) | Mar 2018 |
| 6. John B. Carroll Award (\$800) | Jan 2018 |
| 7. SMEP Conference Travel Workshop Award (\$1000) | May 2017 |
| 8. SFU Graduate Student Travel Award (\$600) | Sep 2016 |
| 9. SFU Graduate Fellowship (\$3250) | Jan 2016 |
| 10. SMEP Graduate Student Travel Award (\$1500) | Oct 2015 |
| 11. SFU Graduate Student Travel Award (\$600) | Sep 2015 |
| 12. Facet Theory Workshop Travel Award (\$600) | Aug 2015 |
| 13. SFU Graduate Entrance Fellowship (\$6500) | May 2015 |
| 14. SouthLight Healthcare Employee of the Year | 2013 |

GRANT ACTIVITY

Funded

1. Ruth L. Kirschstein Postdoctoral Individual National Research Service Award (NRSA)
 Institute: NIDA
 Award Number: 1F32DA053137
 Impact score: 19 Percentile: 7
 Project Title: Advancing measurement and scoring methods for testing mediation models of substance use.
 Amount: \$201,543

Unfunded

1. Ruth L. Kirschstein Predoctoral Individual National Research Service Award
 Institute: NIDA
 Impact score: 34 Percentile: 33
 Project Title: Novel methods for measurement and factor scoring in integrative data analysis.

PRESENTATIONS

1. Kuckertz, M., Kim, J. J., Nandiwada-Hofer, V., Basha, S., Kasim, A., Karpel, L., **Georgeson, A. R.**, & Gonzales, N. A. (2025, May). *Can technology bridge the gaps? A systematic review of engagement in self-directed eHealth preventive parenting interventions*. A presentation in a symposium entitled *Parenting interventions in the digital age: Effectiveness, engagement, and where do we go from here?* given at the Society for Prevention Research 32nd Annual Meeting, Seattle, WA.
2. **Georgeson, A.R.** (2024, July). *A factor analytic analogue for summed score EAPs*. Research Presentation given at the International Meeting of the Psychometric Society, Prague, CZ.
3. **Georgeson, A.R.** Alvarez-Bartolo, D., & MacKinnon, D.P. (2023, June). *A Sensitivity Analysis for Cross-Sectional Mediation*. A presentation in a symposium entitled *Recent Advances in Statistical Mediation Analysis for Prevention Scientists* given at the Society for Prevention Research 30th Annual Meeting, Washington D.C.
4. **Georgeson, A.R.**, Waddell, J., Paxton, L., Dupouy, C., & Chassin, L. (2023, April). *New insights on aversive transmission of alcohol use from late adolescence to adulthood using random intercept cross-lagged panel models*. Symposium talk given at the Society for Research on Adolescence, San Diego, CA.
5. **Georgeson, A.R.**, (2022, July). *Performance of Covariate-Informed Factor Scores in Bivariate Latent Growth Models*. Individual Oral Presentation given at the International Meeting of the Psychometric Society, Bologna, Italy.
6. **Georgeson, A.R.**, (2022, January). *Using Covariate-Informed Factor Scores in Bivariate Latent Growth Models*. Talk given at Quantitative Methods Weekly Seminar, Tempe, AZ.
7. **Georgeson, A.R.**, (2021, November). *Consequences of Measurement Bias on Mediated Effects in Intervention Research*. Talk given at Quantitative Area Forum, Chapel Hill, NC.
8. **Georgeson, A.R.**. (2021, May). *Response shift and the two-wave mediation model*. Symposium talk given at the Annual Meeting of the Society for Prevention Research
9. **Georgeson, A.R.** & Gonzalez, O. (2020, July). *Treating ordinal items as continuous in multiple-group CFA*. Virtual Symposium talk given at the International Meeting of the Psychometric Society.
**Symposium Chair
10. **Georgeson, A.R.**, & Gonzalez, O. (2020, March). *Sources of noninvariance when treating ordinal items as continuous*. Poster presented at Triangle Health Measurement Group Poster Session, Chapel Hill, NC.
11. **Georgeson, A.R.** (2020, March). *What DIF does it make? Invariance testing with ordinal indicators*. Talk given at Quantitative Area Forum, Chapel Hill, NC.
12. **Georgeson, A.R.** (2019, March). *Scoring multiple informant data: A demonstration of the trifactor model*. Talk given at Quantitative Area Forum, Chapel Hill, NC.
13. **Georgeson, A.R.** & Thissen, D. (2018, July). *Modeling polysubstance use using the nominal response model* Poster presented at the International Meeting of the Psychometric Society, New York, New York.
14. **Georgeson, A.R.** (2018, March). *Testing the symptom structure of oppositional defiant disorder: Is there evidence for an irritable subtype?* Talk given at Quantitative Area Forum, Chapel Hill, NC.
15. **Georgeson, A.R.** (2017, May). *Using the Nominal IRT Model for Recency of Drug Use Items*. Paper Presented at the Modern Modeling Methods Conference, Storrs, CT.
16. Liu, Q. & **Georgeson, A.R.** (2017, May). *Reliability estimates with Likert-type scales*. Paper presented at the Modern Modeling Methods Conference, Storrs, CT.
17. **Georgeson, A.R.** (2017, January). *Revisiting itemmetrics*. Paper presented at Quantitative Area Forum, Chapel Hill, NC.
18. Fouladi, R.T. & **Georgeson, A.R.** (2016, October). *A framework for linguistic analysis of item features in psychological self-report questionnaires*. Paper presented at the Annual Meeting of the Society of Multivariate Experimental Psychology, Richmond, Virginia.
19. Fouladi, R.T. & **Georgeson, A.R.** (2016, August). *Alternative coding and analysis strategies probe who chooses which options for which types of items*. Paper presented at the 2016 Annual Convention of the American Psychological Association, Denver, Colorado.

20. **Georgeson, A.R.** & Fouladi, R.T. (2016b, July). *Psychological testing in a multicultural setting: Relationships among linguistic features, cultural background, and English fluency*. Paper presented at the 10th Annual International Test Commission Conference, Vancouver, B.C.
21. **Georgeson, A.R.** & Fouladi, R.T. (2016a, June). *Distributional characteristics of quasi-count CES-D items: Poisson or normal?* Poster Session Presented at the 2016 Annual Convention of the Canadian Psychological Association, Victoria, British Columbia.
22. Fouladi, R.T., Huerta, S., **Georgeson, A.R.**, & Kettner, V. (2016, June). *Small sample and n=1 methodologies: Their place or absence in psychology research curriculum and its implications* Round Table Presented at the 2016 Annual Convention of the Canadian Psychological Association, Victoria, British Columbia.
23. **Georgeson, A.R.** & Iarocci, G. (2016, June). *A critical analysis of research on females with Autism Spectrum Disorders: Low prevalence or high negligence?* Round Table Presented at the 2016 Annual Convention of the Canadian Psychological Association, Victoria, British Columbia.
24. **Georgeson, A.R.** & Fouladi, R.T. (2015, October). *Exploring item position as a source for the measured temporal improvement on depressive symptomology instruments using linear mixed-effects modelling*. Poster session presented at the Annual Meeting of Society of Multivariate Experimental Psychology, Redondo Beach, California.
25. **Georgeson, A.R.**, Metta, A., & Fouladi, R.T. (2015e, August). *The effect of English fluency on responses to a depressive symptomology instrument*. Poster Session presented at the Annual Convention of the American Psychological Association, Toronto, Ontario.
26. **Georgeson, A.R.**, Metta, A., & Fouladi, R.T. (2015d, August). *Item concreteness and response shift on a depressive symptomology instrument*. Poster Session presented at the Annual Convention of the American Psychological Association, Toronto, Ontario.
27. **Georgeson, A.R.**, Metta, A., & Fouladi, R.T. (2015c, June). *English fluency and responses to a depressive symptomology instrument*. Poster Session Presented at the Annual Convention of the Canadian Psychological Association, Ottawa, Ontario.
28. **Georgeson, A.R.**, Metta, A., & Fouladi, R.T. (2015b, June). *Instructional language fluency and self-efficacy in college*. Paper Presented at the International Conference on Health-Promoting Universities and Colleges, Kelowna, British Columbia.
29. **Georgeson, A.R.**, Metta, A., & Fouladi, R.T. (2015a, May). *Item features and response shift on a depressive symptomology instrument*. Poster Session presented at the Annual Convention of the Western Psychological Association, Las Vegas, Nevada.
30. Spring, V.L., Franklin, J.C., **Georgeson, A.R.**, Hanna, E.K., Puzia, M.E., & Bulik, C.M. (2012, November). *Implicit affect toward food and weight in individuals with anorexia nervosa*. Poster Session presented at the Annual Convention of the Association for Behavioral and Cognitive Therapies, Baltimore, Maryland.
31. Chung, G., Franklin, J.C., **Georgeson, A.R.**, Hanna, E.K., & Prinstein, M.J. (2012, November). *Implicit and explicit attitudes towards death: Implications for suicidal capability*. Poster Session presented at the Annual Convention of the Association for Behavioral and Cognitive Therapies, Baltimore, Maryland.

TEACHING AND MENTORING

Instructor of Record

1. **PSY 60100: Quantitative Methods I**
– Fall 2025, 18 students
2. **PSY 30100: Statistics for Behavioral Sciences**
– Spring 2026, 29 students

Dissertation Committees

1. Ruoxuan Li, Psychology, University of Notre Dame

Proposed Fall 2025

Masters Committees

1. Lindsey Rosenthal, Arizona State University

Proposed Fall 2025

Other Teaching

Co-led workshop (Society for Prevention Research): Modern Mediation Analysis	August 2024
Guest lecturer, PSY 536: Statistical Methods in Prevention Research	March 2024
Guest lecturer, PSY 543: Statistical Mediation Analysis	March 2023
Graduate research consultant, PSYC 531: Quantitative Psychology	Aug–Dec 2019
Teaching assistant, PSYC 210: Statistics in Psychology	Aug 2016–May 2017
Tutor marker, PSYC 100 & 102: Introduction to Psychology	Aug 2014–Dec 2015

🔧 SERVICE**Manuscript Review**

Nature Communications
 Structural Equation Modeling: A Multidisciplinary Journal
 Journal of Neurodevelopmental Disorders
 Behavior Research Methods
 Prevention Science
 Journal of Studies on Alcohol and Drugs
 Advances in Methods and Practice in Psychological Science

Departmental/University Service

Student Representative Quantitative Program, UNC	Aug 2020-May 2021
DEI Bookclub Lead Psychology Dept., UNC	Feb 2021
Interview Day Organizer Quantitative Program, UNC	Feb 2019- Feb 2021
Student Advisory Board Program Representative Psychology Dept., UNC	Aug 2019-Aug 2020
Pre-Graduate School Advisor University Career Services, UNC	Aug 2017-May 2020
Statistics Representative (Elected) Psychology Graduate Student Caucus, SFU	May 2015-May 2016
Treasurer (Elected) PSICHI UNC Chapter, UNC	Apr 2011-May 2012

🔧 OTHER RESEARCH & WORK EXPERIENCE**Academia**

Lead Statistician UNC	Sept 2023-Present
Frank Porter Graham Child Development Institute PI: Dr. Ximena Franco-Jenkins	

Non-Profit

Statistical Consultant Freedom House Recovery Center	May 2015-Aug 2018
Reports to Quality Management Director	
Data Analyst SouthLight Healthcare, Raleigh, NC	Jul 2012-Aug 2014
Department: Quality Management, Medical Records	
Data Intern SouthLight Healthcare, Raleigh, NC	Jan-May 2012
Department: Quality Management, Medical Records	

✂️ PROFESSIONAL DEVELOPMENT

1. Teaching at Notre Dame (Kaneb Center)	2025-2026
2. NCFDD Faculty Success Program	Spring 2026